

In the Claims:

The following listing claims pending in this application and their status replaces all prior listings.

1. (Original) A method of making accessible context-sensitive data reported by a tool to a tool host, the method including:

providing a removable listening device to monitor a wired communications channel between one or more tool hosts and one or more tools;

recording report and report trigger definitions sent by the tool hosts to the tools;
matching a first triggered report from the tools with the report and report trigger definitions to generate a first context-insensitive report before processing a second triggered report;

outputting the first context-insensitive report in a field tagged format.

2. (Original) The method of claim 1, wherein the report and report trigger definitions and the triggered report are compliant with a SECS protocol.

3. (Original) The method of claim 1, wherein the report and report trigger definitions and the triggered report are compliant with a HL-7 protocol.

4. (Original) The method of claim 1, wherein the report and report trigger definitions and the triggered report are compliant with a DIACOM protocol.

5. (Original) The method of claim 1, wherein the report and report trigger definitions and the triggered report are compliant with a CANS-compliant protocol.

6. (Original) The method of claim 1, wherein the report trigger definitions further include time periods that trigger reporting.

7. (Original) The method of claim 1, wherein the field tagged format is XML.

8. (Original) The method of claim 1, wherein the field tagged format is HTML.
9. (Original) The method of claim 1, wherein the field tagged format is comma separated values.
10. (Original) The method of claim 2, wherein the field tagged format is XML.
11. (Original) The method of claim 2, wherein the field tagged format is HTML.
12. (Original) The method of claim 2, wherein the field tagged format is comma separated values.
13. (Original) The method of claim 1, wherein the removable listening device is coupled to the wired communications channel by a connector inserted in the wired communications channel.
14. (Original) The method of claim 1, wherein the removable listening device is physically coupled to the wired communications channel.
15. (Original) The method of claim 1, wherein the removable listening device is magnetically coupled to the wired communications channel.
16. (Original) A method of dynamically annotating tool status reports, the method including:
 - providing a removable listening device to monitor wired communications between one or more tool hosts and one or more tools;
 - recording report definitions sent by the tool hosts to the tools, said report definitions defining tool status information to be reported upon happening of a trigger;
 - recording report trigger definitions sent by the tool hosts to the tools, said report trigger definitions defining events that trigger reporting; and
 - matching a first triggered report from the tools with the report and report trigger definitions to generate a first context-insensitive report before processing a second

triggered report, the reports not being accompanied by the report or report trigger definitions.

17. (Original) The method of claim 16, wherein the report and report trigger definitions and the triggered report are compliant with a SECS protocol.

18. (Original) The method of claim 16, wherein the report and report trigger definitions and the triggered report are compliant with a HL-7 protocol.

19. (Original) The method of claim 16, wherein the report and report trigger definitions and the triggered report are compliant with a DIACOM protocol.

20. (Original) The method of claim 16, wherein the report and report trigger definitions and the triggered report are compliant with a CANS-compliant protocol.

21. (Original) The method of claim 16, wherein the report trigger definitions further include time periods that trigger reporting.

22. (Original) The method of claim 16, further including outputting the first context-insensitive report in a field tagged format.

23. (Original) The method of claim 22, wherein the field tagged format is XML.

24. (Original) The method of claim 22, wherein the field tagged format is HTML.

25. (Original) The method of claim 22, wherein the field tagged format is comma separated values.

26. (Original) The method of claim 16, wherein the removable listening device is coupled to the wired communications channel by a connector inserted in the wired communications channel.

27. (Original) The method of claim 16, wherein the removable listening device is

physically coupled to the wired communications channel.

28. (Original) The method of claim 16, wherein the removable listening device is magnetically coupled to the wired communications channel.

29. – 53. Withdrawn.

54. (Previously presented) A semiconductor system in communication with a semiconductor manufacturing tool and a tool host, comprising:

a removable listening device monitoring a communication channel between the semiconductor manufacturing tool and the tool host, including:

a web server generating a web GUI, the web GUI allowing communication between a web client and at least one of the semiconductor manufacturing tool and the tool host.

55. (Previously presented) A semiconductor system in communication with a semiconductor manufacturing tool and a tool host, comprising:

a removable listening device monitoring a communication channel between the semiconductor manufacturing tool and the tool host, the removable listening device communicating with a database server, the database server allowing communication between a database and at least one of the semiconductor manufacturing tool and the tool host.